AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A method of completing a subterranean well comprising the steps of:

   a. assembling a production tube string having at least one side pocket mandrel;

   b. positioning said tube string within a well bore;

   c. displacing cement through said tube string and side pocket mandrel into the well bore annulus around said tube string; and,

   d. substantially removing residual cement from within said side pocket mandrel by well working fluid.

2. (Original) A method of completing a subterranean well as described by claim 1 wherein said residual cement is substantially removed by well working fluid.

3. (Original) A method of completing a subterranean well as described by claim 2 wherein said well working fluid displaces a cement wiper plug through said mandrel to remove a first portion of cement within said mandrel.

4. (Original) A method of completing a subterranean well as described by claim 3 wherein well working fluid displacing said wiper plug turbulently flushes additional cement from within said mandrel.

5. (Original) A side pocket mandrel comprising:

   a. an axially elongated tube terminated at distal ends by asymmetric assembly joints;

   b. an asymmetric flow channel along an inner volume of said tube

between said assembly joints;

c. a cylinder bore enclosure within said inner volume, lateral of said flow channel and between said assembly joints, said cylinder bore enclosure having a length that is less than half the length of said tube inner volume;

d. a normally unoccupied channel of workspace within said inner volume extending from said cylinder bore toward a proximate assembly joint; and,

e. an unclaimed portion of said inner volume beyond said flow channel, said cylinder bore enclosure and said workspace channel being substantially occupied by filler material.

6. (Original) A side pocket mandrel as described by claim 5 wherein said filler material comprises surface discontinuities formed to induce fluid flow turbulence.

7. (Original) A side pocket mandrel as described by claim 6 wherein said surface discontinuities comprise surface upsets.

8. (Original) A side pocket mandrel as described by claim 6 wherein said surface discontinuities comprise transverse jet channels.

9. (Original) A side pocket mandrel as described by claim 5 wherein said filler material comprises a plurality of independent increments.

10. (Original) A side pocket mandrel as described by claim 9 wherein each of said independent increments of filler material is separated from adjacent

increments.

11. (Original) A side pocket mandrel as described by claim 9 wherein each of said independent increments of filler material is welded to a tube wall enclosing said inner volume.

12. (Original) A side pocket mandrel as described by claim 9 wherein said filler material is aligned in substantially parallel rows on opposite sides of said workspace channel.

13. (Original) A well tubing wiper plug comprising:

    a. a leading bore wiper unit secured to an assembly shaft;

    b. a trailing bore wiper unit secured to said assembly shaft at a position separated from said trailing unit by a distance substantially corresponding to the length of a tubing joint; and,

    c. a bore centralizing unit secured to said assembly shaft between said leading and trailing bore wiper units.

14. (Original) A well tubing wiper plug as described by claim 13 wherein said wiper units comprise a serial plurality of pliant material discs.